

MANPOWER COMMENTS

INDEX Volume 17 1980

References are listed by Number and Page

No. 1 - January/February
 No. 2 - March
 No. 3 - April
 No. 4 - May
 No. 5 - June

No. 6 - July/August
 No. 7 - September
 No. 8 - October
 No. 9 - November
 No. 10 - December

A

Academic

Administrators, Women 10,22
 Costs of Federal Research 4,6
 Employment in Science and
 Engineering 5,20; 6,20; 7,8;
 8,1,14,20,21; 10,5
 Mathematicians 9,13
 Psychologists 10,15
 Quality of Young Teachers 9,28
 Research, funding for 4,26
 Salaries 3,25,30; 4,18; 8,10,24;
 9,20,28; 10,14-16
 Women Faculty 8,23,24
 Women Scientists 6,20; 8,20
 Accounting, degrees in 8,17
 Administrators
 Minority, 8,16
 Women Academic 10,22
 Aerospace, employment in 6,11
 Affirmative Action 5,17
 Suits 6,20; 8,22
 Agriculture, shortage of grads in 7,9
 Aliens, Non-Resident 4,28
 Anthropology, Women in 1,16; 3,14
 Archeologists, Women 5,11
 Association, Executives and Staff,
 Salaries of 9,17
 Astronomy, Women in 3,13

B

Benefit Managers, Salaries 7,19
 Bioscientists, Demand for 4,14
 Blacks
 Degrees 2,22,23
 Enrollment of 4,2
 in Black Colleges 4,23; 7,24; 10,29
 in Labor Force 5,15
 Women Professionals 4,24
 Budget, Federal 4,4

C

Canada, Scientific Research in 7,9
 Canadian
 Faculty, Women 6,21
 Career Change Programs 5,6
 Carnegie Commission
 Results of Reports 2,29
 Chemical Industry Employment 2,8; 6,2;
 7,2;8,4;10,4
 Chemistry
 Degrees in 4,30
 Faculty 4,21
 Graduate Students in 1,20
 Chemists
 Demand for 6,15; 9,1
 Employment of 6,15
 Salaries of 6,15; 9,19
 College
 Costs 8,27
 Enrollment, 6,28; 8,25; 10,29
 Enrollment of Persons over 35 3,26
 College Placement Council Surveys 1,10;
 2,13; 4,17; 6,14; 9,19
 Colleges
 Women's, Survey of 7,20
 Colleges and Universities
 Costs to 8,27
 Federal Grants Accounting 9,27
 Federal Support for 3,28; 9,26
 Financial Health of 7,27; 8,28
 Gifts to 5,26
 Scientists and Engineers in 1978 5,20
 Computer Personnel, Demand for 6,4;
 7,1; 10,1-2
 Computerization of U.S. 8,6
 Cornell, Placement of Engineering
 Graduates 9,8
 Cost
 of Government Pensions 4,18
 of Relocating New Hires 4,7; 7,12;
 8,12; 9,19

D

Data Processors

Demand for 5,3; 7,1
Salaries of 6,18; 8,11

Degrees

Awarded, 1978, 2,25; 5,22; 6,27
1979, 10,19
to Foreign Nationals 8,29
in Chemistry 4,30
Doctorate, 1979 6,27
in Engineering, 1980 10,26
to Minorities 2,22
in Physics and Astronomy 4,30
to Women 1,14; 5,22; 10,19

Demand

in Accounting 8,17
in Agriculture 7,9
for Bioscientists 4,14
for Chemists 6,15; 9,1
for College Graduates 1,1,2,10;
2,1-4; 5,2; 6,2; 7,2; 10,1
for Computer Personnel 6,4; 7,1;
10,1-2
for Data Processors 5,3; 6,4
for Engineers 4,8; 8,7; 9,5; 10,3
Chemical Engineers 9,1,9
Faculty 4,13
for Executives 4,8; 5,3; 9,11
in Health 8,4
for Mathematicians, Academic 9,13
for Nurses 3,6
Occupations in 6,3; 7,10
for Physics Graduates 1,3
Projections of 7,13
for Scientists & Engineers to 1990
5,5; 10,1
in EPA 3,8
for Teachers 5,4

Doctoral

Programs, Evaluation of 8,24
Scientists and Engineers 8,1
Energy-related 9,5
Women Scientists 8,1,14

Doctorate

Degrees, 1979 6,27
to Foreign Nationals 8,29

Doctorates

Characteristics of in 1979 8,1,14
Postdoctoral Plans of, U. of Md.
9,7

Salaries of 8,8
Unemployment Rates of 8,1

Draft Military Registration 1,24;
2,30; 6,32

Dual Career Families 4,9-11

E

Education

MANPOWER COMMENTS

Education (con't.)

Assessment of in Science 7,28; 9,30;
10,27
Continuing 5,29
Department of 5,30
Federal Spending on Higher 3,28; 4,27;
9,26
Graduate, Federal Role in 3,6
and Occupations 10,28
Quality of in Science and Mathematics
4,30; 7,28; 9,30; 10,27
Salaries in 6,17
State Appropriations for Higher
9,28
Statistics 7,30

Employment

of Academic Scientists and Engineers
5,20; 6,20; 7,8; 8,1,14,21; 10,5
in Aerospace 6,11
Benefits 5,10; 7,17; 8,13
in Chemical Industry 2,8; 6,2; 7,2;
8,4; 10,4
of Chemists 6,2,15
of College Graduates, Outlook 6,2
Cost Index 1,9; 7,18
of Doctorates 8,3,14; 10,5
in Psychology 10,6
Executive 2,5; 9,11
Federal 2,7; 3,3; 6,22; 9,22
Forecast of Openings to 1990 1,5
in Health Fields 10,7
of Hispanics 1,16
Interview Order and Hiring 7,12
of Law Graduates 8,6
Methods of Finding 8,7
of Physics Graduates 1,3
Professional and Technical 5,1
Projections, Evaluation of 6,10
of R&D Scientists in Industry 4,2;
6,7
of Recent Graduates 6,4
of Retired Workers 6,11
of Scientists and Engineers in 1978
3,3; 7,8
of Sociologists 4,13
Total, 1978 4,6; 7,8
of Women, Recession Effect on 6,22
of Young Ph.D.'s at 2-Year Colleges
10,4
Energy
Department Authorization 5,32
Employment of Engineers in 9,5
Employment of Minorities in 7,3
Employment of Scientists and
Engineers in 9,3
in Solar 6,10; 9,3
in Transition 1,24

Engineers

- British, to U.S. 8,7
- in Dept. of Army 3,9
- Demand for 4,8; 8,7; 9,5; 10,3
- Chemical 9,1,9
- Doctoral Shortage of 6,12
- Employed in Energy-Related Work 9,5
- Minority 5,21
- Salaries of 3,11; 4,17; 6,17; 8,12; 9,20; 10,11

Engineering

- Degrees in, 1980 10,26
- Doctorate 8,29
- Earned by Women & Minorities 5,21; 10,26
- Education, Issues in 5,27
- Enrollment in 3,20
- Enrollment of Women & Minorities in 3,20
- Faculty in 3,29; 4,13; 9,8
- Graduates, Assessment of at UC, Berkeley 1,20
- Job Switching 4,14
- Placement of Cornell Graduates 9,6
- Rating of Top Schools 8,26
- Teaching Faculty 4,13

Enrollment

- at Black Colleges 4,23
- College, 1979 6,28; 8,25; 10,29
- at Colleges & Universities in 1980's 4,28
- in Engineering 3,20
- Foreign Students 4,28; 9,12,29
- Freshmen 5,23
- in Geosciences 6,29
- Graduate 1,18; 6,29; 8,22; 10,21
- Minorities 10,21
- in Law 2,22
- Medical 2,21; 9,12
- Minorities and Women 5,28
- of Older Students 3,26
- in Pharmacy 4,29
- in Physics and Astronomy 4,30
- in Science and Engineering 1,18
- Equal Opportunity, Council for 3,16
- Equipment Sharing 1,20
- Equipment Purchases 4,27
- Ethics in Science and Medicine 7,32
- Executive Employment 2,5; 9,11
- Executives
 - Black 1,16
 - Colleges of 9,29
 - Salaries of 6,19; 10,19
 - Typical 10,7

F

Faculty

- Chemistry 4,21
- Engineering 3,29; 4,13; 9,8

HANPOWER COMMENTS

Faculty (cont'd)

- in Political Science 5,12
- Retirement 8,28
- Salaries 3,25,30; 8,10,24; 9,20,28; 10,14-16
- Stress 8,26
- in Psychology 2,23; 8,28
- with Tenure 5,25; 7,30; 8,23
- Tenured, Women 5,25
- at 2-Year Colleges 1,22
- Women 2,24; 8,23,24
- Women in Political Science 5,12

Federal

- Costs of Retirement Programs 4,19; 7,17
- Disability Regulations 7,11
- Employment 1,1; 2,1; 4,1; 5,1; 7,8,11; 9,22; 10,1
- Employment of Women & Minorities 1,13; 3,18; 6,22; 7,18; 9,22
- Funding for R&D 1,7; 2,32; 5,30
- Obligations to Universities and Colleges 4,27; 9,26
- Pension Costs 4,18
- R&D Funding 1,7; 2,32; 5,30; 6,8; 7,7
- R&D Growth 4,5
- Salaries 3,10; 4,18; 6,16; 7,15; 9,14,17
- Spending on Higher Education 3,28
- Support for Social Science 2,28

Fellowships

- for Minorities 2,19, 5,16

Forecast

- Employment Openings in 1980 6,1
- Employment Outlook to 1990 5,5; 10,1

Foreign

- Doctorate Recipients 8,29
- Medical Graduates 10,29
- Students
 - Enrollment 4,28; 9,12,29

Freshmen

- No. of 5,23
- Plans of 2,26

- Fringe Benefits 7,17; 8,13; 9,15,16
- and Older Workers 10,18
- for Faculty 1,21; 10,16

G

Geosciences

- Enrollment in 6,29
- Women in 10,21

Grade Inflation 9,25

Graduates

- in Agriculture, Shortage of 7,9
- Counseling on Job Search 2,30; 3,23
- Demand for 1,1,2,10; 2,1-4; 5,22; 6,2; 7,2,9

Graduates (cont'd)

- Demand for MBA 3,5; 8,17; 10,4
- Earnings of 6,18
- Employment of Recent 6,4
- Mismatch with Jobs 1,7; 2,3
- in Political Science 5,12
- Satisfaction of 5,24
- Graduate Enrollment 1,18; 6,29; 8,22; 10,21

H

Handicapped

- Affirmative Action for 8,18
- Colleges Attended by 2,20
- Costs of Equipping Colleges for 9,24
- Science Enrichment for 6,26
- Workers, Discrimination Against 2,21

Health Fields, Employment in 10,7

- Higher Education Index 8,27
- Higher Education, State Appropriation for 9,28

High-Technology

- Jobs in Massachusetts 3,4
- Employment Prospects in 10,9
- High-Technology Recruitment Index 1,1; 2,1; 3,2; 4,1; 5,1; 6,1; 8,1; 9,1; 10,1

Hispanics

- Employment of 5,15
- Education of 5,15
- Humanities Doctorates, Employment 10,5

I

Index

- Help Wanted, Conference Board 6,2
- High Technology Recruitment 1,1; 2,1; 3,2; 4,1; 5,1; 6,1; 8,1; 9,1; 10,1
- Higher Education 8,27
- Industrial Relations, Salaries in 10,13
- Industry
 - Decline in Productivity in 4,15
 - R&D in 2,8; 4,2; 6,7
 - Salaries in 3,11; 9,18
- Inflation, Effect of 5,11
- Instrumentation 1,20; 4,20

J

- Job Hopping and Salary for Engineers 4,14
- Job Mismatch with Graduates 1,7
- Job Outlook to 1990 5,5

L

Labor Force

- Blacks & Hispanics in 5,15
- Marital & Family Characteristics in 5,7
- Occupations, by Sex & Education 10,28
- Projections through 1990 5,5; 10,1
- Separations Rates in 4,12
- Women in 3,16; 4,6
- Law, Enrollments in 2,22
- Minority 5,16

M

- Manpower, Editorial on 3,1
- Mathematicians in Academia 3,7; 9,13
- Mathematics
 - Education, Policy for 5,23
 - High School Participation, Women 4,22

MBA

- Demand for Graduates 3,5; 8,17; 10,4
- and Women's Careers 8,17

Medical

- Enrollments 2,21; 9,12
- Scholarships 2,20
- Students, Cheating of 3,23
- Undergraduate Majors of 6,31

Medical Schools

- Accrediting Foreign 10,29
- Capitation Grants 3,26
- Tuition 2,21

Merit Scholars 3,24

- Migration, Student 1,21
- Military Draft Registration 1,24; 2,30; 6,32

Minorities

- Academically Employed 8,21
- Data on Professional 1,13
- Degrees Awarded to 2,22
- Employment in Energy 7,3
- in Engineering 5,21
- Enrollments 8,24
- Federal Employment of 6,22; 9,22,23
- Fellowships for 2,19; 5,16
- in Law School 5,16
- Medical Enrollments of 2,21
- in Psychology 4,24
- in 2-Year Colleges 6,25
- Vocational Education of 6,9

Minorities and Women

- Engineering Degrees 10,26
- Engineering Enrollment of 3,20
- Enrollments of 1,15; 10,21
- Federal Employment of 1,13; 3,18; 6,22; 7,18; 9,22
- Mobility, Occupational 2,7

N

- National Science Foundation (NSF)
 - Authorizations 5,31; 6,24
- Native American Women 5,13
- Non-Academic Careers for Ph.D's
 - 1,4; 3,6
- Nursing
 - Graduate Enrollments in 3,6
 - Turnover Rate in 7,12
- O
- Occupations
 - in Demand 6,3; 7,10
 - and Education 10,28
- Occupational Projections for 1990 10,1

P

- Pensions
 - COL Adjustments 3,10
 - Costs of Federal 4,19
 - Policies 10,17
 - Private 8,13; 10,19
 - Unisex Payments & Benefits 7,18; 9,21

Personnel Professionals

- Outlook for 10,11
- Salaries of 9,18

Ph.D's (See Doctorates)

- Physicians, Supply of 4,11; 5,24

Physics

- Degrees 4,30
- Enrollments in 4,30

Physicists

- Employment of 6,12; 7,26
- Plans of B.S. 5,8
- Women 2,23

Political Science

- Faculty 5,12
- Students 5,12

Productivity in Government 2,32

Productivity in U.S. 4,15

Professional & Technical Employment 5,1

Projections

- Employment, Evaluation of 6,10
- in Health Fields 10,7
- of Labor Force through 1990
 - 5,5; 10,1
- Occupational for 1990 10,1

Psychology

- Employment of Doctorates 10,6,15
- Faculty in 2,23
- Graduate Depts. Survey 8,28
- Minorities in 4,24

Q

- Quality of Education in Science
 - and Mathematics 7,28; 9,30; 10,27

R

- Recruiting and Retaining 10,9
- Relocation Costs 4,7; 7,12; 8,12; 9,19
- Research
 - in Academic Institutions
 - Federal Costs 4,6
 - Funds, Accountability 3,25
 - in Behavioral & Social Sciences 5,31
 - Excellence to Year 2000 2,27
 - Research and Development
 - AAAS Colloquium on 6,8
 - at Academic Institutions 4,26; 6,30
 - in Chemical Industries 2,8
 - Chemists in 7,7
 - Federal Funding for 1,7; 2,32; 5,30; 6,8; 7,7
 - in Federal Laboratories 2,11; 5,30
 - Growth in U.S. & Other Nations 4,5
 - Industrial 2,8; 4,2; 6,7
 - Manpower in 6,7,9; 9,31
 - Performed Abroad 4,5
 - Spending 6,6; 9,31
 - History of 1,6
 - State and Local Government 6,6
 - in USSR 2,9
- S
- Salaries
 - Academic 3,25,30; 4,18; 8,10,24; 9,20,28; 10,14-16
 - of Academic Administrators 4,18
 - of Association Staffs 9,17
 - Beginnings, Surveys of 1,10; 2,13; 4,17; 6,14; 7,14; 9,19
 - of Benefit Managers 7,19
 - of Chemists 1,9; 9,19; 10,12
 - in Data Processing 3,11; 6,18; 8,11
 - Doctoral 8,8
 - in Electronics 8,11
 - of Engineers 3,11; 4,17; 6,17; 8,12; 9,20; 10,11
 - in Education 6,17
 - in Industry 3,11; 9,18
 - Executive 6,19; 7,15,19; 9,17
 - of Faculty 2,16; 3,25,30; 6,17; 8,10,23,24; 9,20; 10,14-16
 - in Pharmacy 2,15
 - in Psychology 2,14
 - Federal 2,16; 3,10; 4,19; 6,16; 7,15; 9,14,17
 - Determination of 7,16
 - for Scientists & Engineers 3,9
 - Loss Due to Race and Sex 2,16
 - of Food Technologists 2,13
 - Gap, Sex 8,18
 - in Industry 6,16; 7,16
 - in Industrial Relations 10,13
 - of Middle Management Personnel 2,14; 7,23

Salaries (cont'd)
 in Non-Profit Organizations 3,12
 in Personnel & Industrial Relations
 8,13; 9,18
 of Professionals 1,9; 8,10
 in Public Health Laboratories 10,17
 of Scientists & Engineers 3,12
 Doctoral 8,8
 Federal 2,16
 Starting 1,10; 2,13; 4,17; 6,14;
 7,14; 9,19
 of Women in Science 6,18
 S.A.T.
 Predictor of What 5,20
 Questions & Answers Available 4,28
 Scores 1,19; 9,25
 Scores and Coaching 5,26
 Science
 Career Facilitation Prospects 2,16
 Education, Quality of 4,31; 7,28;
 9,30; 10,27
 Graduate Enrollments in 1,18; 6,29;
 8,22; 10,21
 Indicators 2,9
 Quality of Education in 4,31; 7,28;
 9,30; 10,27
 Salaries of Women in 6,18
 Science and Technology
 Career Opportunities in 6,24
 Policy 7,32; 8,31
 Scientific Exchange, International
 3,32
 Scientists and Engineers 7,4; 10,6
 Academic 5,20
 Advising President 10,31
 Compared with Other Countries 7,4
 Experienced 1,3
 in Research & Development 2,8; 4,2;
 6,7; 7,5; 9,31
 in 1978 3,3; 4,1
 Salaries 3,12
 Separation Rates, Labor Force 4,12
 Social Sciences, Federal Support
 for 2,28
 Sociologists, Employment of 4,13
 Stress, Studies of 1,7; 5,13; 7,21;
 8,18,26
 Student
 Attitudes 2,26; 3,13
 Choice of Major, Reasons for 3,28
 Earnings 6,18
 Loan Defaults 8,27
 in Political Science 5,12
 Retention 2,26
 Test Scores 1928 & 1978 4,31
 Students
 Age of 7,29

Students (cont'd)
 Field of Study 10,25
 Foreign 4,28; 9,12; 29
 Supply and Demand
 in Health Fields 10,7
 Projections 5,5; 10,1
 for Teachers 6,30; 10,28
 T
 Teachers
 How to Evaluate 3,22
 Newly Qualified by Field 3,30
 Supply and Demand for 6,30; 10,28
 Tenure
 Faculty with 5,25; 7,30; 8,23
 Practices, Study of 7,29
 Tuition Rates Up 3,27

U
 Unemployment Rates
 of Doctorates 8,1
 for Engineers and Scientists 2,6
 of Professionals, Technicals 1,4;
 2,1; 3,2; 4,1; 6,1; 7,2; 8,1,5
 9,3; 10,1
 Unemployment Statistics, Methodology
 5,7
 USSR, R&D Scientists in 2,9

V
 Vocational Education and Minorities
 6,9

W
 Wives, Working 5,13
 Women
 Academic Administrators 10,22
 Forum for 2,21
 Academic Employment 6,20; 8,20
 Anthropologists 1,16; 3,14
 Astronomers 3,13
 Archeologists 5,11
 Black Professionals 4,24
 Career Decisions of 5,18
 Career Facilitation Projects 2,18
 Chemistry Faculty 4,21
 Congressional Employees 10,23
 Data on 1,13
 Degrees to 1,14; 2,22,25; 10,19
 in Accounting 8,17
 in Engineering 10,21
 Doctorates, 1979 8,1,14
 Enrollment of 5,28
 Graduate, in Science 5,28
 in Law School 2,22
 in Medical School 2,21; 3,18
 Executives, Salaries of 6,19

Women (cont'd)

Faculty 8,23,24
 Canadian 6,21
 Chemistry 4,21
 Physics 2,24
 Political Science 5,12
 Tenured 5,25; 7,30; 8,23
 Federal Employment of 1,13; 3,18;
 6,22; 7,18; 9,22
 Fellowships in Science for 2,19
 Geoscientists 10,21
 International Study of 3,19
 Labor Force Participation of 3,16;
 4,6
 Managers and Administrators 7,23
 Math Achievement 10,22
 taking Math in High School 4,22
 MBA's 8,17
 Members of Advisory Groups 3,15
 National Registry of 1,15
 Native American 5,13

Women (cont'd)

in Physics 2,23; 4,22
 in Political Science 5,12
 Professionals 7,22
 Re-entry 8,19
 Salaries of in Science 2,16; 8,9
 Salary Gap of 1,11; 6,18,20; 8,18
 in Science, NSF Programs for 2,18;
 6,24
 in Science Act 5,18; 6,24
 Scientists and Engineers 1,3; 7,4
 Academic 8,20
 in Business and Industry 1,12
 Salaries of 6,18
 in State Legislatures 10,23
 Statistical Portrait of 3,17
 and Stress 5,13; 7,21; 8,18
 in Vocational Education 5,19
 Workers 5,13; 6,23; 7,22
 Women's Colleges, Survey of 7,20

* * * * *

Median Salaries for Selected Administrative Positions in Colleges and Universities in the West and United States

Position Title	All Institutions	
	1979-80	
	West	U.S.
Chief Executive Officer, System	\$50,160	\$51,800
Chief Executive Officer, Institution	45,972	43,870
Chief Academic Officer	37,176	34,279
Chief Business Officer	35,237	32,000
Chief Student Affairs Officer	32,319	28,665
Director, Athletics	29,196	25,980
Director, Library Services	27,500	24,372
Director, Physical Plant	24,960	22,865
Dean, Engineering	41,371	41,316
Dean, Arts and Sciences	39,450	36,771
Dean, Business	36,247	33,660
Dean, Graduate Programs	39,300	36,800
Dean, Education	39,000	35,398
Dean, Continuing Education	31,500	27,438
Dean, Occupation Studies/	30,978	29,600

* * * * *

Administrative
 Salaries at
 Colleges and Uni-
 versities in the
 West, 1979-80 is a
 report of the
 Western Interstate
 Commission for
 Higher Education on
 data taken from an
 annual survey of
 administrative
 salaries conducted
 by the College and
 University Person-
 nel Association. The
 report is availabl
 from WICHE, P. O.
 Drawer P., Boulder
 CO 80302.

C 30

032E 
1253
223E
3368
4E25
5223
6225 7838



032E 
1253
223E
3368
4E25
5223
6225 7838



